Appl. No. 09/926,437
Amdt. dated May 4, 2005
Reply to Office Action of Feb. 18, 2005

I. Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently amended) A ~~network resource communication~~ configurable driver application system for facilitating communication of source data over a network between a network ~~terminals~~ terminal and a network ~~resources~~ resource device, the source data provided by application software provisioned on the network terminal, the ~~network resource communication~~ system comprising:

~~a network resource driver for facilitating communication of source data between the network terminals and one of the network resources, the resource driver including a driver input for receiving the source data and a driver output for providing a translation of the source data in accordance with the one network resource;~~

a driver administrator module configured for communication with a resource registry, the resource registry including a resource ~~records~~ record associated with the network ~~resources~~ resource device, the resource ~~records~~ record providing a driver identifier for a resource driver associated with the ~~defining at least a resource type for each said~~ network resource device, the driver administrator module being configured to configure the ~~network~~ resource driver of the driver application system ~~in accordance with the resource record~~ according to the driver identifier associated with the ~~one~~ network resource device, the resource driver for receiving the source data and for translating the source data into a format suitable for processing by the network resource device; and

a data transmitter ~~in~~ configured for communication with the resource driver ~~output~~ for transmitting the translated source data to the ~~one~~ network resource device.

2. (Currently amended) The ~~network resource communication~~ configurable driver application system according to claim 1, wherein the resource record identifies a network address associated with the ~~one~~ network resource device.

3. (Currently amended) The ~~network resource communication~~ configurable driver application system according to claim 1, wherein the data transmitter is configured for encrypting the translated data prior to transmission to the ~~one~~ network resource device.

4. (Currently amended) The ~~network resource communication~~ configurable driver application system according to claim 1, wherein the resource record identifies a password associated with the ~~one~~ network resource device for accessing the ~~one~~ network resource device.

5. (Currently amended) The ~~network resource communication~~ configurable driver application system according to claim 4, wherein the data transmitter is configured to encrypt the password together with the translated data, and to transmit the encrypted data to the ~~one~~ network resource device.

6. (Currently amended) A method for facilitating communication over a network between a network ~~terminals~~ terminal and a network ~~resources~~ resource device, the method comprising the steps of:

providing a request for communication between ~~one of~~ the network ~~terminals~~ terminal and ~~one of~~ the network ~~resources~~ resource device;

receiving application data for transmission by the ~~one~~ network terminal to the ~~one~~ network resource device[,] from application software provisioned on the network terminal;

querying a resource registry, the resource registry including a resource record associated with the network resource device, the resource record providing a driver identifier for a resource driver associated with the network resource device;

~~and receiving resource data associated with the one network resource;~~

configuring the network resource driver according to the driver identifier associated with the network resource device;

translating the translated application data by the resource driver into a format suitable for processing by the network resource device; and

directing the application data over the network in accordance with ~~received~~ network address data of the network resource device.

7. (Currently amended) The method according to claim 6, wherein the resource ~~data~~ record comprises a network address associated with the ~~one~~ network resource device.

8. (Currently amended) The method according to claim 6, wherein the resource ~~data~~ record comprises a password associated with the ~~one~~ network resource device for accessing the ~~one~~ network resource device.

9. (Currently amended) The method according to claim 8, wherein the directing step comprises the steps of encrypting the password together with the translated data, and transmitting the encrypted data to the ~~one~~ network resource device.

10. (New) The configurable driver application system according to claim 1, wherein the network resource device is selected from the group comprising a printer, a facsimile machine, an image server, an image repository, a file server, an e-mail pager, and an e-mail enabled wireless telephone.

11. (New) The configurable driver application system according to claim 1, wherein the source data is selected from the group comprising: text; image; and multimedia data.

12. (New) The configurable driver application system according to claim 1 further comprising a server for prompting the user of a network terminal to download the resource driver from a driver database based on the resource driver identifier.

13. (New) The configurable driver application system according to claim 1, wherein the resource record includes a network address field, a resource type field, and a user access level field to the network resource device.

14. (New) The configurable driver application system according to claim 2, wherein the network address identifies the Internet Protocol address selected from the group comprising; a server linking the network resource device to the network; a proxy queue; and the network resource device.

15. (New) The configurable driver application system according to claim 1 further comprising a proxy server coupled between the data transmitter and the network resource device, the proxy server for receiving and forwarding translated source data to the network resource device.

16. (New) The method according to claim 6, wherein the network resource driver is configured prior to receiving the application data from the application software.

17. (New) The configurable driver application system according to claim 12, wherein the server compares the driver identifier of the resource record with the driver identifier of the resource driver configured on the network terminal to determine if the network terminal has been configured with the appropriate resource driver.

18. (New) The configurable driver application system according to claim 1, wherein the resource driver is selected from the group comprising a generic resource driver and a network resource device

specific driver.

19. (New) The method according to claim 6, wherein the network resource device is selected from the group comprising a printer, a facsimile machine, an image server, a file server, an image repository, an e-mail pager, and an e-mail enabled wireless telephone.

20. (New) The method according to claim 6, wherein the data is transmitted to a queue of a proxy server coupled between the data transmitter and the network resource device, the proxy server for receiving and forwarding translated source data to the network resource device